6. (Amended) An electromagnetic radiation therapy system according to Claim 1 **[any preceding claim]** wherein the electromagnetic radiation is continuous or pulsed.

7. (Amended) An electromagnetic radiation therapy system according to Claim 6 **[any preceding claim]** wherein, in the instance of the electromagnetic radiation being continuous, the intensity is at least 50 μWatts/cm^2 for the treatment of eyes and mucous membranes and up to 2 Watts/cm^2.

8. (Amended) An electromagnetic radiation therapy system according to Claim 6 **[any preceding claim]** wherein, in the instance of the electromagnetic radiation being continuous, the intensity is at least 500 μWatts/cm^2 for the treatment of skin and up to 2 Watts/cm^2.

9. (Amended) An electromagnetic radiation therapy system according to Claim 6 **[any of Claims 1-6]** wherein, in the instance of the electromagnetic radiation being pulsed, the intensity is at least 50 μWatts/cm^2 peak power for the treatment of eyes and mucous membranes and the average power is up to 2 Watts/cm^2.

10. (Amended) An electromagnetic radiation therapy system according to Claim 6 **[any of Claims 1-6]** wherein, in the instance of the electromagnetic radiation being pulsed, the intensity is at least 500 μWatts/cm^2 peak power for the treatment of skin and the average power is up to 2 Watts/cm^2.

11. (Amended) An electromagnetic radiation therapy system according to Claim 6 **[any of Claims 1-6 or 9 or 10]** wherein the average power of the pulsed electromagnetic radiation intensity is in the region of 50-100 μWatts/cm^2.

A1

12. (Amended) An electromagnetic radiation therapy system according to Claim 6 **[any of Claims 1-7 or 9-11]** wherein the pulsed electromagnetic radiation is applied for periods of at least 10-15 μseconds.

13. (Amended) An electromagnetic radiation therapy system according to Claim 6 **[any of Claims 1-7 or 9-12]** wherein the pulsed electromagnetic radiation is applied at a frequency/repetition rate in the range of 480-800 Hz.

15. (Amended) An electromagnetic radiation therapy system according to Claim 6 **[any of Claims 1-7 or 9-14]** wherein the pulsed electromagnetic radiation is applied to the affected area for at least 30 seconds and up to 15 minutes.

A2

16. (Amended) An electromagnetic radiation therapy system according to Claim 1 **[any preceding claim]** wherein the electromagnetic radiation therapy system also includes means for reducing the amount of ambient radiation which impinges on the site of treatment.

18. (Amended) An electromagnetic radiation therapy system according to Claim 1 **[any preceding claim]** further including means for fixing the intensity of the radiation within a predetermined range.

A3

19. (Amended) An electromagnetic radiation therapy system according to Claim 1 **[any preceding claim]** wherein radiation output is monitored with a visible display indicating correct function of the device both for intensity and wavelength.

20. (Amended) An electromagnetic radiation therapy system according to Claim 1 **[any preceding claim further including]** further including means for controlling the duration of the application of the radiation.

21. (Amended) An electromagnetic radiation therapy system according to Claim 1 **[any preceding claim]** wherein the radiation producing means are solid state light emitting devices.

23. (Amended) An electromagnetic radiation therapy system according to **[either]** Claim 21 **[or 22]** wherein radiation from **[such]** said solid state light emitting devices is electrically operated or delivered to an applicator via a fibre-optic delivery system.

24. (Amended) An electromagnetic radiation therapy system according to Claim 21 **[any of Claims 21-23]** wherein the radiation emitter includes a PN junction arranged to emit radiation with a wavelength centring at, or about, 1072 nm or at, about, 1268 nm.